



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/756,690

Source:

O/PE

Date Processed by STIC:

6/1/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW.

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

DATE: 06/01/2001

PATENT APPLICATION: US/09/756,690

TIME: 17:46:20

Input Set : A:\#373162 v2 - AMYLIN 030639.0027.UTL SEQUENCE LISTING

(TXT).txt

Output Set: C:\CRF3\06012001\I756690.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Kolterman, et al.
 5 Amylin Pharmaceuticals, Inc.
 7 <120> TITLE OF INVENTION: USE OF EXENDINS AND AGONISTS THEREOF FOR
 8 MODULATION OF TRIGLYCERIDE LEVELS AND TREATMENT OF
 9 DYSLIPIDEMIA
 11 <130> FILE REFERENCE: 030639.0027.UTL(249/124)
 13 <140> CURRENT APPLICATION NUMBER: 09/756,690
 14 <141> CURRENT FILING DATE: 2001-01-09
 16 <150> PRIOR APPLICATION NUMBER: 60/175,365
 17 <151> PRIOR FILING DATE: 2000-01-10
 19 <160> NUMBER OF SEQ ID NOS: 190
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ppr 1-3

ERRORED SEQUENCES

70 <210> SEQ ID NO: 3
 71 <211> LENGTH: 40 *39 shown (next page)*
 72 <212> TYPE: PRT
 73 <213> ORGANISM: Artificial Sequence
 75 <220> FEATURE:
 76 <223> OTHER INFORMATION: Exendin Agonist
 78 <220> FEATURE:
 79 <221> NAME/KEY: VARIANT
 80 <222> LOCATION: (1)
 81 <223> OTHER INFORMATION: Xaa stands for His, Arg or Tyr
 83 <220> FEATURE:
 84 <221> NAME/KEY: VARIANT
 85 <222> LOCATION: (2)
 86 <223> OTHER INFORMATION: Xaa stands for Ser, Gly, Ala or Thr
 88 <220> FEATURE:
 89 <221> NAME/KEY: VARIANT
 90 <222> LOCATION: (3)
 91 <223> OTHER INFORMATION: Xaa stands Asp or Glu
 93 <220> FEATURE:
 94 <221> NAME/KEY: VARIANT
 95 <222> LOCATION: (6)
 96 <223> OTHER INFORMATION: Xaa stands for Phe, Tyr or naphthylalanine
 98 <220> FEATURE:
 99 <221> NAME/KEY: VARIANT
 100 <222> LOCATION: (7)
 101 <223> OTHER INFORMATION: Xaa stands for Thr or Ser
 103 <220> FEATURE:
 104 <221> NAME/KEY: VARIANT
 105 <222> LOCATION: (8)
 106 <223> OTHER INFORMATION: Xaa stands for Ser or Thr
 108 <220> FEATURE:

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109 <221> NAME/KEY: VARIANT
110 <222> LOCATION: (9)
111 <223> OTHER INFORMATION: Xaa stands for Asp or Glu
113 <220> FEATURE:
114 <221> NAME/KEY: VARIANT
115 <222> LOCATION: (10)
116 <223> OTHER INFORMATION: Xaa stands for Leu, Ile, Val, pentylglycine or Met
118 <220> FEATURE:
119 <221> NAME/KEY: VARIANT
120 <222> LOCATION: (14)
121 <223> OTHER INFORMATION: Xaa stands for Leu, Ile, pentylglycine, Val or Met
123 <220> FEATURE:
124 <221> NAME/KEY: VARIANT
125 <222> LOCATION: (22)
126 <223> OTHER INFORMATION: Xaa stands for Phe, Tyr or naphthylalanine
128 <220> FEATURE:
129 <221> NAME/KEY: VARIANT
130 <222> LOCATION: (23)
131 <223> OTHER INFORMATION: Xaa stands for Ile, Val, Leu, pentylglycine, tert-
butylglycine or Met
133 <220> FEATURE:
134 <221> NAME/KEY: VARIANT
135 <222> LOCATION: (24)
136 <223> OTHER INFORMATION: Xaa stands for Glu or Asp
138 <220> FEATURE:
139 <221> NAME/KEY: VARIANT
140 <222> LOCATION: (25)
141 <223> OTHER INFORMATION: Xaa stands for Trp, Phe, Tyr, or naphthylalanine
143 <220> FEATURE:
144 <221> NAME/KEY: VARIANT
145 <222> LOCATION: (31, 36, 37 and 38)
146 <223> OTHER INFORMATION: Xaa is independently Pro, homoproline, 3Hyp, 4Hyp,
thioprolin, N-
147 alkylglycine, N-alkylpentylglycine, or N-alkylalanine
149 <220> FEATURE:
150 <221> NAME/KEY: UNSURE
151 <222> LOCATION: (39)
152 <223> OTHER INFORMATION: Xaa stands for stands for Ser, Thr or Tyr, which is
optionally
153 amidated and with the proviso that the compound is not exendin-3
154 or exendin-4
157 <400> SEQUENCE: 3
W--> 158 Xaa Xaa Xaa Gly Thr Xaa Xaa Xaa Xaa Ser Lys Gln Xaa Glu Glu
159 1 5 10 15
W--> 160 Glu Ala Val Arg Leu Xaa Xaa Xaa Xaa Leu Lys Asn Gly Gly Xaa Ser
161 20 25 30
W--> 162 Ser Gly Ala Xaa Xaa Xaa Xaa
E--> 163 35
568 <210> SEQ ID NO: 11
569 <211> LENGTH: (39) 38 (next page)
570 <212> TYPE: PRT
571 <213> ORGANISM: Artificial Sequence

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(TXT).txt

Output Set: C:\CRF3\06012001\I756690.raw

573 <220> FEATURE:
 574 <223> OTHER INFORMATION: Exendin Agonist
 576 <220> FEATURE:
 577 <221> NAME/KEY: AMIDATION
 578 <222> LOCATION: (39) (38) ←
 579 <223> OTHER INFORMATION: Xaa stands for Serine
 581 <400> SEQUENCE: 11
 582 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 583 1 5 10 15
 584 Glu Ala Val Arg Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser Ser
 585 20 25 30
 W--> 586 Gly Ala Pro Pro Pro Xaa
 E--> 587 35
 657 <210> SEQ ID NO: 15
 658 <211> LENGTH: (39) 42
 659 <212> TYPE: PRT
 660 <213> ORGANISM: Artificial Sequence
 662 <220> FEATURE:
 663 <223> OTHER INFORMATION: Exendin Agonist
 665 <220> FEATURE:
 666 <221> NAME/KEY: VARIANT ✓
 667 <222> LOCATION: (6)
 668 <223> OTHER INFORMATION: Xaa stands for naph
 670 <220> FEATURE:
 671 <221> NAME/KEY: AMIDATION
 672 <222> LOCATION: (39) (42) ←
 673 <223> OTHER INFORMATION: Xaa stands for Serine
 675 <400> SEQUENCE: 15
 W--> 676 His Gly Glu Gly Thr Xaa Thr Ser Asp Leu Ser Asp Leu Ser Lys Gln
 677 1 5 10 15
 678 Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly
 679 20 25 30
 W--> 680 Gly Pro Ser Ser Gly Ala Pro Pro Pro Xaa
 E--> 681 35 40

FYI: (This occurs in subsequent sequences)
 <223> response cannot exceed 4 lines, per
 1.823 of Sequence Rules; if response is over 4
 lines, insert a <220> before 5th line

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
 Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
 <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/756,690

DATE: 06/01/2001

TIME: 17:46:21

Input Set : A:\#373162 v2 - AMYLIN 030639.0027.UTL SEQUENCE LISTING

(TXT).txt

Output Set: C:\CRF3\06012001\I756690.raw

L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:163 M:252 E: No. of Seq. differs, <211>LENGTH:Input:40 Found:39 SEQ:3
L:224 M:283 W: Missing Blank Line separator, <220> field identifier
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:373 M:283 W: Missing Blank Line separator, <220> field identifier
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:587 M:252 E: No. of Seq. differs, <211>LENGTH:Input:39 Found:38 SEQ:11
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:681 M:252 E: No. of Seq. differs, <211>LENGTH:Input:39 Found:42 SEQ:15
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

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(TXT).txt

Output Set: C:\CRF3\06012001\I756690.raw

L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:2131 M:283 W: Missing Blank Line separator, <220> field identifier
L:2563 M:283 W: Missing Blank Line separator, <220> field identifier
L:2650 M:283 W: Missing Blank Line separator, <220> field identifier
L:3323 M:283 W: Missing Blank Line separator, <220> field identifier
L:3819 M:283 W: Missing Blank Line separator, <220> field identifier
L:4633 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:4722 M:259 W: Allowed number of lines exceeded, <223> Other Information: